

HARI VIDYA BHAWAN
CLASS- Nursery
SUBJECT – MATHEMATICS (Revision)

Date: 14-12-2020

General Instructions of worksheet::

1..please note from now onwards all worksheet should be completed in notebook Or coursebook Or application book of respective subjects as according to worksheet.

2..these worksheet will be considered as your evaluation marks will be given on completion else you will have to appear for pen paper test once the school reopens.

3...Read every topic which will be given in worksheet of the chapter from your course book.

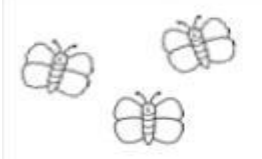








4..All the students must purchase course book as it will enable you to understand the chapter.

5..watch the video of related topic from your active app.

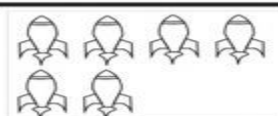
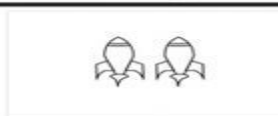
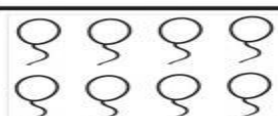
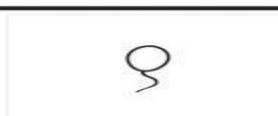
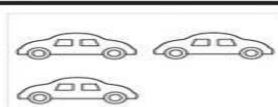
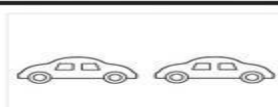


6...All queries regarding worksheet shall be resolved from 8 :00 am to 3:00pm.

Q1) Write counting from 1 to 30 in your maths copy.

Q2) Count and write.

 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>

Q3) Count and add:

Addition			
 6	+	 2	= <input type="text"/>
 8	+	 1	= <input type="text"/>
 3	+	 2	= <input type="text"/>
 4	+	 3	= <input type="text"/>



+



=



+



=



+



=



+



=



+



=

Q4) Learn the poem 'one two buckle my shoes'.

HARI VIDYA BHAWAN
CLASS- KG
SUBJECT – MATHEMATICS (Revision)

Date: 14-12-2020

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Q1) Write number names from 1 to 20.

1. one	11.
2.	12.
3.	13.
4.	14.
5.	15.
6.	16.
7.	17.
8.	18.
9.	19.
10.	20.

Q2) Compare the numbers (<, >, =)

a. 29 _____ 26

j. 21 _____ 18

b. 21 _____ 15

k. 16 _____ 17

c. 11 _____ 13

l. 12 _____ 13

d. 26 _____ 18

m. 29 _____ 14

e. 28 _____ 29

n. 25 _____ 21

f. 15 _____ 16

o. 14 _____ 12

g. 19 _____ 18

p. 10 _____ 11





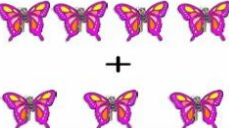



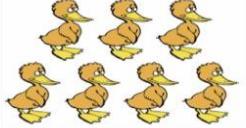





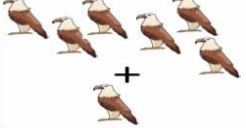

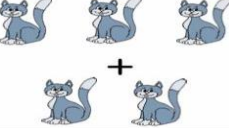

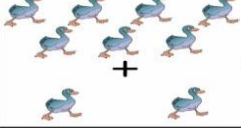

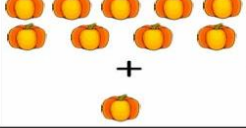

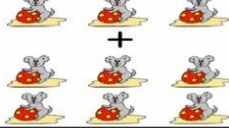

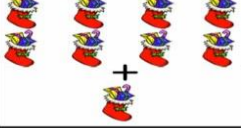

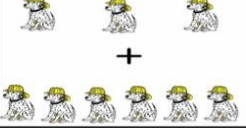

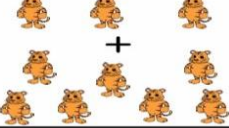

h. 29 _____ 28

q. 19 _____ 30

i. 14 _____ 28

r. 29 _____ 29

Q3) Count and add:-

 +  + 6 _____	 +  + 4 _____	 +  + 3 _____
 +  + 9 _____	 +  + 4 _____	 +  + 8 _____
 +  + 2 _____	 +  + 1 _____	 +  + 2 _____
 +  + 2 _____	 +  + 1 _____	 +  + 6 _____
 +  + 1 _____	 +  + 6 _____	 +  + 7 _____

Write the answer.



1.
$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$
  

2.
$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$
  



3.
$$\begin{array}{r} 5 \\ + 0 \\ \hline \end{array}$$
 

4.
$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$
  

5.
$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$
  

6.
$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$
  

7.
$$\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$$
  

8.
$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$
  

1) $6 + 1 =$

10) $3 + 3 =$

2) $3 + 1 =$

11) $2 + 3 =$

3) $5 + 2 =$

12) $6 + 2 =$

4) $8 + 2 =$

13) $4 + 4 =$

5) $4 + 1 =$

14) $6 + 3 =$

6) $7 + 2 =$

15) $3 + 6 =$

7) $9 + 1 =$

16) $7 + 3 =$

8) $5 + 3 =$

17) $5 + 5 =$

9) $3 + 2 =$

18) $2 + 6 =$

HARI VIDYA BHAWAN

CLASS :- 1

MATHS REVISION WORKSHEET

Date :- 14.12.20 / Day :- Monday

Instructions :- Do this work in ur Maths notebook. Watch the video related to ch 8 and 9 on next curriculum app.

Q 1 :- Fill in the blanks..

- I see a **big** Lion walking towards me .
- I see a **small** monkey jumping on a tree.
- I see a **tall** giraffe smiling at me.
- I see a rhino with a **short** tail running towards a tree.
- The lemon is **lighter** than an apple.
- A book is **heavier** than an eraser.
- An empty pencil box is **lighter** than an empty lunch box.
- **Saturday** comes after Friday.
- **April** comes before may.
- **August** is the seventh month of the year.
- **68** just comes before 69.
- **97** just comes after 96.
- The number name 75 is **seventy five**.
- The number name 37 is **Thirty seven**.
- **99** just comes between 98 and 100.

Q 2 :- Dodging tables.

- $2 \times 9 = 18$
- $3 \times 4 = 12$
- $5 \times 5 = 25$
- $6 \times 7 = 42$
- $8 \times 4 = 32$
- $2 \times 5 = 10$
- $4 \times 6 = 24$
- $8 \times 9 = 72$
- $7 \times 4 = 28$
- $4 \times 9 = 36$

Q 3 :- Missing numbers.

1. 2, 4, 6, 8, 10, 12, 14.
2. 13, 16, 19, 22, 25, 28, 31.
3. 24, 28, 32, 36, 40, 44, 48.
4. 40, 45, 50, 55, 60, 65, 70.
5. 84, 85, 86, 87, 88, 89, 90.

Q 4 :- Addition and subtraction.

- $7 + 10 = \underline{\hspace{2cm}}$.
- $8 + 5 = \underline{\hspace{2cm}}$.
- $15 + 12 = \underline{\hspace{2cm}}$.
- $9 + 15 = \underline{\hspace{2cm}}$.
- $20 + 13 = \underline{\hspace{2cm}}$.

- $10 - 2 = \underline{\quad}$.
- $20 - 8 = \underline{\quad}$.
- $35 - 12 = \underline{\quad}$.
- $46 - 23 = \underline{\quad}$.
- $59 - 34 = \underline{\quad}$.

Q 5 :- Fill in the blanks with **vowels**.

1. N O V E M B E R
2. S U N D A Y
3. W E D N E S D A Y
4. J U N E
5. O C T O B E R

हरी विद्या भवन

कक्षा-2

विषय- हिंदी

पाठ - 13(पतलू का सपना)

वर्क शीट - 1

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दिनांक--14-12-2020

निर्देश

1.अब से सभी संबंधित विषयों की वर्कशीट
notebook में पूरा किया जाना अनिवार्य है।

2. यह वर्कशीट आपके periodic test के रूप में मानी जाएगी, इसके पूरा होने पर ही आपको अंक दिए जाएंगे अन्यथा स्कूल खुलने पर आपको पेन पेपर टेस्ट देना होगा।

3. हर विषय को पढ़ें जो आपके पाठ्यक्रम की पुस्तक के अध्याय की वर्कशीट में दिया जाएगा।

4. सभी छात्रों को पाठ्यक्रम की पुस्तक खरीदनी चाहिए क्योंकि यह आपको अध्याय को समझने में सक्षम होगी।

5. Next curriculum एप्लिकेशन का वीडियो देखें।

6. वर्कशीट से संबंधित सभी प्रश्नों को सुबह 8:00 बजे से अपराह्न 3:00 बजे तक हल किया जाएगा।

पाठ को ध्यान से पढ़ें।

क) निम्न प्रश्नों के उत्तर दीजिए।

1) छुट्टी कौन से दिन थी?

उत्तर) छुट्टी रविवार को थी।

2) सपनों की दुनिया में कौन खो गया?

उत्तर) पतलू सपनों की दुनिया में खो गया।

3) बुधवार को पतलू क्या करने की सोच रहा था?

उत्तर) बुधवार को वह पैसों से मुर्गियां खरीदने की सोच रहा था।

4) मंगलवार के बाद कौन सा दिन आता है?

उत्तर) मंगलवार के बाद बुधवार आता है।

5) पतलू का सपना कैसे टूट गया?

उत्तर) मटकी सर पर लगने से मत पतलू का सपना टूट गया।

6) शुक्रवार के बाद कौन सा दिन आता है?

उत्तर) शुक्रवार के बाद शनिवार आता है पतलू का सपना टूट गया।

शब्दार्थ

मटकी- मिट्टी का बर्तन या घड़ा

टकटकी- बिना पलक झपकाए देर तक देखना

तिजोरी - धन सुरक्षित रखने की जगह

कलम की सवारी

1) क) - आराम. ख) दही. ग) तिजोरी बनाने की

घ) अंडे बेचने की. ड.) मटकी फूटने से

बातें भाषा की

1)क) देखना. ख) खरीदना. ग) बनवाना

घ) उठाया. ड.) फूटने

2) ख) नाचना. ग) गाना. घ) देखना

सप्ताह के दिनों के नाम कॉपी में लिखे।

HARI VIDYA BHAWAN

CLASS-II

SUBJECT- MATHS

REVISION -2

DATE-14-12-2020

INSTRUCTIONS OF WORKSHEET:

- Please note that these revision worksheet is for periodic test-3.
- Do this in your notebook and and learn for periodic test that is from 21-12-2020.
- All queries regarding worksheet shall be resolved from 8:00am to 3:00 pm.

Q-1. Neela has 5 boxes of chocolates. Each box contain 8 chocolates. How many chocolate are there in all?

Ans- 40 chocolates.

Q-2. A shopkeeper packs 7 sweet in a box. How many sweet will he pack in such 5 boxes ?

Ans- 30 sweets in 5 such boxes.

Q-3. Fill in the blanks.

a) $3 \times 0 = 0$

b) $2 \times 1 = 1$

c) $7 \times 1 = 7$

d) $10 \times 0 = 0$

Q-4. Shikha buys 7 boxes of mangoes. Each box has 6 mangoes. What is the total number of mangoes that Shikha bought?

Ans- 42 mangoes.

Q-5. Count the total number of fruit and vegetable seeds sown in the farm.

a) **90 lemon seeds + 30 lemon seeds = 120 lemon seeds.**

b) **36 capsicum seeds + 47 capsicum seeds = 83 capsicum seeds.**

c) 75 cucumber seeds + 48 cucumber seeds = 123 cucumber seeds.

d) 54 tomato seeds + 69 tomato seeds = 123 tomato seeds.

Q-6. Bindu and Rakesh collect 58 and 48 pebbles respectively. How many pebbles have they collected?

Ans- Number of pebbles collected by Bindu = 58

Number of pebbles collected by Rakesh = 48

Total number of pebbles collected = $58 + 48 = 106$

Q-7. Rakesh sees 334 tundra swan and 123 mute swans in the sanctuary. How many swans does he see in all?

Ans- Number of tundra swans = 334

Number of mute swans = 123

Total number of swans = $334 + 123 = 457$

Q-8. Fill in the blanks-

a) $\underline{122} + \underline{641} = 763$

b) $564 - 153 = \underline{411}$

c) $\underline{333} + \underline{654} = 987$

d) $210 + \underline{111} = 321$

Q-9. 312 Birds were sitting on a tree. 213 more birds join them. How many birds are sitting on the tree now?

Ans- 515 birds are there now.

Q-10. Rahul has 24 bananas. His friend Akshay gives 10 bananas to him. How many bananas does Rahul have now?

Do you need add or subtract to solve this words problem?

Ans- Add.

HARI VIDYA BHAWAN

CLASS-II

SUBJECT- MATHS

REVISION -1

DATE-14-12-2020

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Q-1. What is standard unit of measuring grams?

Ans- G

Q-2. What is the standard unit of kilograms?

Ans- Kg.

Q-3. The names of different objects are given here. Write the unit in which the weight of each object is expressed (grams or kilograms)

- a) A toothpaste Grams.
- b) A small biscuit packet Grams.
- c) A pumpkin Kilogram.
- d) A jackfruit Kilogram.

Q-4. Tick the correct options.

a) Which holds more liquid?

i) A water bottle

ii) A coffee cup

b) Which holds more liquid?

i) A bucket

ii) A jug

c) Which one holds less liquid?

i) A bowl

ii) A spoon

Q-5. Mary has to fill a barrel using a pot. The capacity of the barrel is 7 litres and the capacity of the pot is 1 litre. How many pots of water will she need to fill the barrel till the brim?

Ans – The capacity of the barrel is equal to the capacity of – 7 pots.

Q-6. Fill in the blanks with the correct option.

a) Raj buys 3 Kilograms of onions from a vegetable seller.

i) grams

ii) kilograms

iii) millimeters

b) Chetna buys a 2 L water bottle from a shop.

i) mm

ii) L

iii) g

c) Rajesh filled 10 litres of fuel in his car.

i) grams

ii) litres

iii) millimeters

d) Shyam, the fruit seller sold 10 kilograms of grapes today.

i) millimeters

ii) kilograms

iii) grams

Q-7. Meera has 2 kilograms of apples in one bag and 4 kilograms of grapes in another bag. Which bag is heavier?

Ans – Bag of grapes.

Q-8. Jyoti has 50 grams of popcorn and 10 grams of chocolate bars in her bag. What is the total weight of the popcorn and chocolate bars?

Ans- 60 grams.

Q-9. Complete the pattern-

5, 10, 15, 20, - 25, 30, 35, 40.

Q-10. Fill in the blanks with the help of repeated addition-

a) $4 + 4 + 4 = 12$

b) $5 + 5 + 5 + 5 + 5 = 20$

c) $2 + 2 + 2 + 2 + 2 = 10$

d) $6 + 6 + 6 = 18$

HARI VIDYA BHAWAN
WORKSHEET-2
CHAPTER-12 (SYMMETRY AND PATTERNS)
CLASS-3
SUBJECT- MATHS

DATE: -14/12/2020

INSTRUCTIONS: -

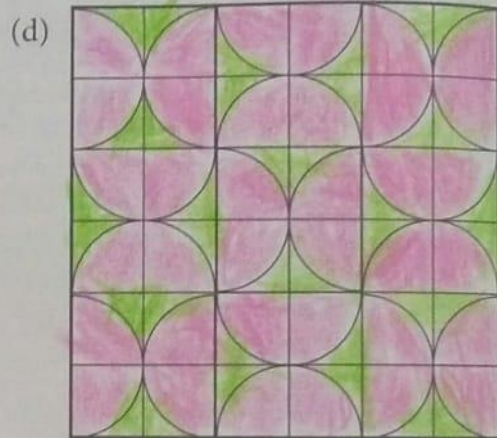
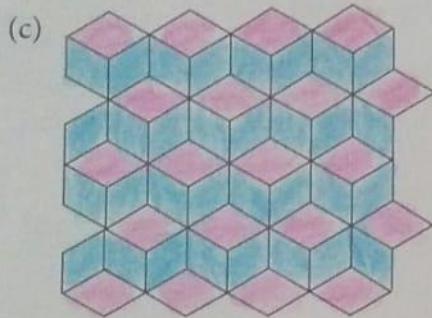
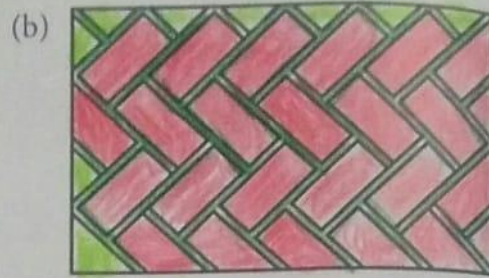
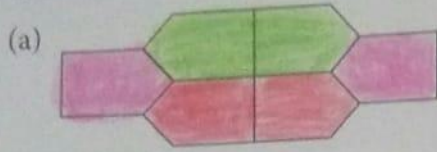
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- 5.) Watch the video of Chap-12 in the next curriculum app.
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EX-12.3 (DO Q1, Q2 AND Q3 IN BOOK PAGE NO-85 AND 86)

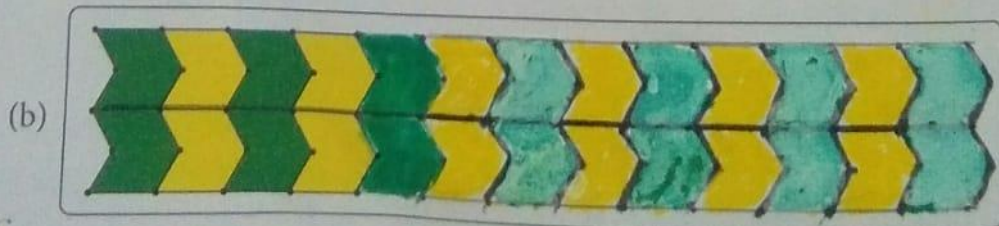
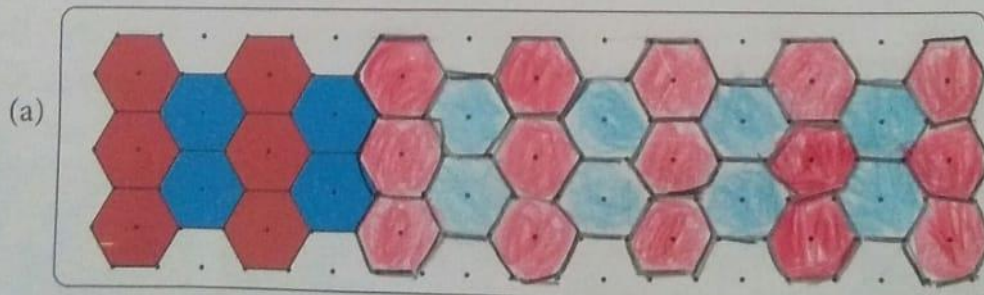
Q1) Tick (✓) the tessellations patterns.

Ans: - a) (✓) b) (×)

2. Colour the tiles in each design to make a beautiful pattern.

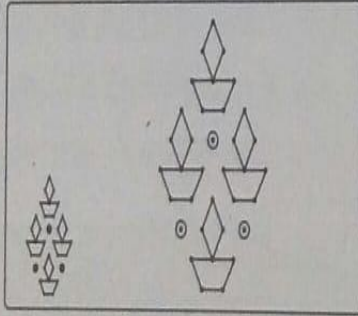


3. Extend each pattern to complete tiling the floors.

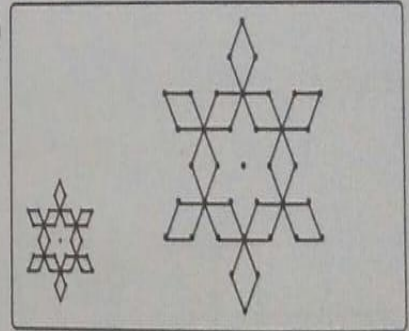


EX-12.3 (DO Q4 IN BOOK PAGE NO-87)

4. (a)



(b)




HARI VIDYA BHAWAN
REVISION WORKSHEET

CLASS-3

SUBJECT- MATHS

DATE: -14/12/2020

NOTE: - Do this revision worksheet in your maths notebook only.

 Let Us Try – 9.1

1. Add the given amounts.

(a)

₹	P
14	25
+	50
50	50
64	75p

(b)

₹	P
24	55
+	36
36	35
60	90p

(c)

₹	P
331	45
+	156
156	40
487	85p

(d)

₹	P
246	65
+	326
326	25
572	90p

(e)

₹	P
1014	50
+	45
45	50
1060	00

(f)

₹	P
2015	15
+	159
159	85
2174	00

2. Subtract the given amounts.

(a)

₹	P
78	99
-	46
46	70
32	29p


(b)

₹	P
56	86
-	34
34	45
22	41p

(c)

₹	P
827	75
-	443
443	46
384	29p

MONEY

 31

DO PRACTICE ALL THESE QUESTIONS IN YOUR NOTEBOOK.

Choose the most appropriate option.

(a) Height of the *Qutub Minar*

i) 72 cm

ii) 72 km

iii) 72 m

(b) Height of a mango tree

i) 5 m

ii) 50 m

iii) 50 cm

(c) Length of a *saree*

i) 6 cm

ii) 6 m

iii) 6 km

(d) Length of a handkerchief

i) 18 cm

(ii) 18 m

iii) 18 km

(e) Distance between two cities

i) 230 m

ii) 230 km

iii) 230 cm

(f) Length of a rice grain

i) 2 cm

ii) Less than a cm

iii) 1 m



Let Us Try - 10.2

1. Fill in the blanks.

(a) 2 m = cm

(b) 900 m = m

(c) 15 m = cm

(d) 15 m 2 cm = cm

(e) m = 1,000 cm

(f) 1,800 cm = m

(g) m cm = 720 cm

(h) m = 300 cm

DO PRACTICE ALL THESE QUESTIONS IN YOUR NOTEBOOK

Fill in the blanks with the correct options.

- (a) The distance between two houses in a neighbourhood is 10 m
i) L ii) g iii) m
- (b) Raj buys 3 kg onions from a vegetable vendor.
i) g ii) kg iii) mm
- (c) A municipal water tanker supplies 7,000 L of water every day to a colony.
 i) L ii) mL iii) g
- (d) The teacher asked us to draw a line of length 7 cm in the notebook.
i) km ii) cm iii) m
- (e) Harleen buys 20 m of cloth from a shop.
i) mm ii) g iii) m
- f) Chetna buys a mineral water bottle of capacity 2 L
i) mL ii) L iii) m

Answer these questions.

- (a) What is the smallest unit of length? mm
- (b) Which is more – 10 mL or 1 L? 1 L
- (c) How much is half of half kg? 250g
- (d) Which is longer – 11 cm or 1 m? 1 m
- (e) How much is quarter of 1 L? 250 mL

HARI VIDYA BHAWAN

CHAPTER – 9 & 10 MATHEMATICS (Revision worksheet – 1) Class – 4th

Date: 14-12-2020

Instructions:

- Practice this worksheet in your school notebook.

Q1. Fill in the blanks.

- (a) 4m 30cm = 430 cm
(b) 4,200 m = 4000 m + 200 m = 4km + 200m
(c) 6cm 8mm = 68mm
(d) 86km 500m = 8600 m + 500m = 86,500m
(e) 83 mm = 8cm 3mm
(f) 5km = 5000 m = 5,00,000cm
(g) 2m 35cm = 235cm
(h) 8m = 800cm = 8,000mm
(i) 11cm 7mm = 117mm

2. Tick (✓) the correct option in each of the following.

(a) 7 cm 2 mm is 72 mm or 702 mm?
(b) 326 mm is 32 cm 60 mm or 32 cm 6 mm?
(c) 75 mm is 7 cm 50 mm or 7 cm 5 mm?


3. How long is your pencil box? Circle the correct option.

(a) 20 mm 20 cm (c) 20 m

4. Tick (✓) how long a river is likely to be?

(a) 25 m 25 km (c) 25 cm

5. Raghav measures the length of a pencil using a ruler. What is the length of the pencil? 6cm 4mm



METRIC MEASURES

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Q2. Fill in the blanks.

- (a) $5,000\text{g} = 5\text{kg}$
- (b) $3,000\text{g} = 3\text{kg}$
- (c) $15,000\text{g} = 15\text{kg}$
- (d) $7,000\text{g} = 7\text{kg}$
- (e) $31\text{kg} = 31,000\text{g}$
- (f) $12\text{kg } 50\text{g} = 12,050\text{g}$
- (g) $2,000\text{g} = 2\text{kg}$
- (h) $74\text{kg } 750\text{g} = 74,750\text{g}$
- (i) $45\text{kg } 265\text{g} = 45,265\text{g}$

Q3. Paul takes 10bags of onions. Each bag has 8kg of onions. What is the total weight of the onions?

Solu. Total bags = 10
Weight of each bag = 8kg
Weight of 10bags = $8 \times 10 = 80\text{kg}$

Q4. Convert these units.

- (a) $12\text{L} = 12000\text{mL}$
- (b) $30,000\text{mL} = 30\text{L}$
- (c) $7\text{L } 77\text{mL} = 7,077\text{mL}$
- (d) $5,567\text{mL} = 5\text{L } 567\text{mL}$
- (e) $5\text{L } 525\text{mL} = 5525\text{mL}$
- (f) $43,655\text{mL} = 43\text{L } 655\text{mL}$
- (g) $15\text{L } 22\text{mL} = 15,022\text{mL}$
- (h) $43,670\text{mL} = 43\text{L } 670\text{mL}$
- (i) $7,000\text{mL} = 7\text{L}$

Q5. Harika is using 10 cups of water to prepare a dish. She is using approximately 1L of water.

- (a) 1L (b) 10L (c) 100L

Q6. Raghav is watering the plants. There are 20 plants in the garden. He uses approximately 20L of water.

- (a) 200L (b) 20L (c) 2L

Q7. A bottle of soft drink is shared equally among 5 friends. Each of them will get 500mL of the drink.

- (a) 500mL (b) 5mL (c) 5,000mL

Q8. Kanika was squeezing oranges to make orange juice. She extracted approximately **50mL** of juice from 5 oranges.

- (a) **50mL** (b) 500mL (c) 5,000mL

Q9. A fire truck was extinguishing fire in a building. It uses approximately **5,000L** of water to stop the fire.

- (a) 50L (b) **5,000L** (c) 5L

Q10. Write the time of each activity in the 24-hour format.

- (a) Woke up at 7:20a.m **7:20hours**
(b) Had breakfast at 10:15a.m **10:15hours**
(c) Went to market with her mother at 2:30 pm **14:30hours**
(d) Went to play with her friends at 5:10p.m **17:10 hours**
(e) Returned home at 7:00p.m **19:00 hours**

Q11. Murali and his parents board the bus to Rohtang from Manali at 9:30a.m. The bus journey lasts for 3hours 17 minutes. At what time do they reach Rohtang?

Solu. 9 hours 30minutes + 3hours 17minutes = 12: 47p.m

Q12. The Christmas vacation of a school starts on 24th December and lasts for 18 days. On which date will the school reopen?

Solu. 24th December to 31st December = 8days

1st January to 10th January = 10 days

Total vacation days = 10 + 8 = 18days

School will reopen = 11th January

Q13. Fill in the blanks.

- (a) The leap year comes after every **4** years.
(b) The year 1996 is leap year. (Yes/No) **Yes.**
(c) The leap years between the years 2000 and 2020 are **3.**
(d) Ann was born in the year 2008 on the 28th of February. Is that a leap year? **No**

HARI VIDYA BHAWAN

CHAPTER – 9 & 10 MATHEMATICS (Revision worksheet – 1) Class – 5th

Date: 14-12-2020

Instructions:

- Practice this worksheet in your school notebook.

Let Us Try – 9.3

1. Tick (✓) the numbers, words and phrases that are palindromes.

<input checked="" type="checkbox"/> (a) Never odd or even	<input type="checkbox"/> (b) Nod	<input type="checkbox"/> (c) Window
<input type="checkbox"/> (d) Treat	<input checked="" type="checkbox"/> (e) Now I won	<input type="checkbox"/> (f) Spots
<input checked="" type="checkbox"/> (g) Wow	<input checked="" type="checkbox"/> (h) 101	<input type="checkbox"/> (i) 2012
<input checked="" type="checkbox"/> (j) Noon	<input checked="" type="checkbox"/> (k) 1221	<input type="checkbox"/> (l) Bin
<input checked="" type="checkbox"/> (m) Dad	<input type="checkbox"/> (n) Do not nod	<input checked="" type="checkbox"/> (o) Level
<input checked="" type="checkbox"/> (p) Did	<input type="checkbox"/> (q) 65	<input type="checkbox"/> (r) Tenant

2. Change the given numbers into palindromes. *(Do it by yourself)*

(a) 68	(b) 213	(c) 92	(d) 456
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3. Solve these riddles.

(a) I am a 4-digit palindromic number with 6 in the ones place and 2 in the hundreds place. What number am I? 6226

(b) I am a 5-digit palindromic number with 0 in the hundreds place. The number in the tens place is twice the number in the ten thousands place. The number in the ten thousands place is two times one. What number am I? 24042

PATTERNS

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- Perimeter of a rectangle = $2 \times (\text{Length} + \text{Breadth})$ /or $2 \times \text{Length} + 2 \times \text{Breadth}$
- Perimeter of a square = $4 \times \text{length of a side}$

Q2. What length of wood is needed to frame a square picture of side 25cm ?

Solu. Length of wooden frame = $4 \times 25 = 100\text{cm}$

Q3. A square park has a jogging track around its boundary. The total length of the track is 200m. What is the length of each side of the track?

Solu. Total length of the track = 200m

Length of each side = $4 \times \text{side}$

$$200 = 4 \times \text{side}$$

$$\text{Side} = 200 \div 4 = 50\text{m}$$

Q4. Pinki is decorating the border of her saree with lace. The saree is 6m long and 1.5m wide. What is the length of the lace she requires?

Solu. Lace required for saree border = $2 \times (6 + 1.5)$

$$= 2 \times 7.5 = 15\text{m}$$

- **AREA OF Rectangle = Length x Breadth**
- **AREA OF Square = Side x side**

Q5. Find the area of these shapes.

(a) A square of side 40m.

$$\text{Area of square} = 40 \times 40 = 1600\text{m}$$

(b) A rectangle of length 16cm and width 8cm.

$$\text{Area of rectangle} = 16 \times 8 = 128\text{cm}$$

Q6. A square wall clock has a perimeter of 200cm.

(a) What is the length of the side of clock?

Solu. Perimeter of clock = 200cm

Perimeter of square = $4 \times \text{length of side}$

$$200 = 4 \times \text{Length of side}$$

$$200 \div 4 = \text{Length of side}$$

$$\text{Length of side} = 50\text{cm}$$

(b) What is the area of the clock?

$$\text{Solu. Area of clock} = \text{Side} \times \text{side}$$

$$\text{Area of clock} = 50 \times 50 = 2,500 \text{ square centimeters}$$

Q7. Mr Sharma has to paint the four walls of his room. Each wall is 6m long and 4m wide. What is the total area he has to paint?

$$\text{Solu. Length of wall} = 6\text{m}$$

$$\text{Breadth of wall} = 4\text{m}$$

$$\text{Area of a wall} = 6 \times 4 = 24\text{m}$$

$$\text{Area of 4 wall} = 24 \times 4 = 96 \text{ square meter}$$

Q8. The area of a rectangular playground is 150 square metres and its width is 10m. What is the length of the field?

$$\text{Solu. Area of playground} = 150$$

$$\text{Breadth} = 10\text{m}$$

$$\text{Length} = ?$$

$$\text{Area of playground} = L \times B$$

$$150 = 10 \times L$$

$$150 \div 10 = L$$

$$L = 15\text{m}$$

Q9. Find the cost of painting a wall at Rs. 4 per square metre if the wall is 9m long and 6m high.

$$\text{Solu. Area of wall} = 9 \times 6 = 54$$

$$\text{Cost of painting wall} = 54 \times 4 = \text{Rs. } 216$$

- **VOLUME OF CUBOID = LENGTH X BREADTH X HEIGHT**
 - **VOLUME OF CUBE = SIDE X SIDE X SIDE**

Q10. Find the volume of

(a) A cuboid of length 10cm, breadth 6cm and height 4cm.

Solu. Volume of cuboid = $L \times B \times H$

Volume of cuboid = $10 \times 6 \times 4 = 240$ cubic cm

(b) A cube of side 12cm.

Solu. Volume of cube = Side x Side x Side

Volume of cube = $12 \times 12 \times 12 = 1728$ cubic cm

Q11. A carpenter decides to make a wooden box of length 20cm, width 20cm, and height 15cm. What would be the volume of the wooden box?

Solu. Volume of cuboid = $L \times B \times H$

Volume of cuboid = $20 \times 20 \times 15 = 6000$ cubic cm

Q12. A container is 10m long, 8m wide and 5m high. It is filled with sand to a height of 3m. find the volume of the sand.

Solu. Volume of sand = $10 \times 8 \times 3 = 240$ cubic m

Q13. A box in the shape of a cube has an edge of 12cm. How much space is available in the box?

Solu. Volume of cube = $S \times S \times S$

Volume of cube = $12 \times 12 \times 12 = 1728$ cubic cm

Q14. How much mud is needed to fill a pit 6m deep, 6m wide and 6m long?

Solu. Volume of pit = $6 \times 6 \times 6 = 216$ cubic m